

10/529760  
JC17 Rec'd PCT/PTO 30 MAR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Daisuke FUJITA : Mail Stop: PCT

Serial No. NEW : Attorney Docket No. 2005-0526A

Filed March 30, 2005 :

METHOD OF PRODUCING SILVER  
NANO-STRUCTURE BY MEANS OF  
SCANNING TUNNELING MICROSCOPE :

[Corresponding to PCT/JP2003/011914

Filed September 18, 2003]

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicant requests consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- the literature publications previously cited in the international application PCT/JP2003/011914; and/or
- each reference previously cited in prior parent application Serial No.

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

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before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1)  the certification of paragraph 2 below is provided, **or**
- (2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office search report (International Search Report) (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at page,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:
5.  A foreign patent office search report (International Search Report) citing one or more of the references is enclosed.

Respectfully submitted,

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March 30, 2005

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FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2005-0526ASERIAL NO.  
NEW

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: March 30, 2005

APPLICANT  
Daisuke FUJITAFILING DATE  
March 30, 2005

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,608,306	8/2003	Aono et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	00/70325	11/2000	WO			
	AK	07-065705	3/1995	Japan			
	AL						
	AM						
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	C.S. Chang et al., "Field Evaporation between a Gold Tip and a Gold Surface in the Scanning Tunneling Microscope Configuration", Physical Review Letters, Vol. 72, No. 4, pages 574-577, January 24, 1994.
	AP	D.M. Kolb, "Nanoscale decoration of electrode surface with an STM", Solid State Ionics, Vol. 131, pages 69-78, June 1, 2000.
	AQ	D. Fujita and T. Kumakura, "Reproducible fabrication of metallic silver nanostructures on a Si (111)-(7x7) surface by tip-material transfer of a scanning tunneling microscope", Applied Physics Letters, Vol. 82, No. 14, pages 2329-2331, April 7, 2003.

EXAMINER

DATE CONSIDERED